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| CERTIFICATE OF MAILING | | | |
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**Restriction Election**

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

| | |
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| Attorney Docket No. | KINE-024 |
| Confirmation No. | 5240 |
| First Named Inventor | T. Yoganathan |
| Application Number | 09/960,643 |
| Filing Date | September 20, 2001 |
| Group Art Unit | 1632 |
| Examiner Name | R. Shukla |
| *Title: CAMK-X1 and its Uses* | |

Sir:

This amendment is responsive to the Restriction Requirement dated January 27, 2003 for which a one-month period for response was given.

Please amend the application as follows:

1. (original) An isolated nucleic acid molecule comprising a cDNA sequence encoding a mammalian CaMK-X1 protein that will hybridize under stringent conditions of 50°C or higher in the presence of 0.1XSSC to the sequence set forth in SEQ ID NO:1.

2. (original) An isolated nucleic acid according to Claim 1, wherein said cDNA sequence is of human origin.

3. (original) An isolated nucleic acid molecule according to Claim 2, wherein said mammalian CaMK-X1 protein comprises the sequence set forth in SEQ ID NO:2.

4. (original) An isolated nucleic acid molecule according to Claim 3, wherein said nucleic acid comprises the nucleotide sequence of SEQ ID NO:1.

5. (original) An isolated nucleic acid molecule consisting essentially of a sequence of at least 500 contiguous nucleotides of the sequence set forth in SEQ ID NO:1.

6. (original) The nucleic acid of Claim 1, further comprising a vector sequence.

7. (original) The nucleic acid of Claim 6, wherein said vector comprises a transcription cassette operably linked to said CaMK-X1 cDNA sequence.

8. (original) The nucleic acid of Claim 7, wherein said vector is a plasmid.

9. (original) The nucleic acid of Claim 7, wherein said vector is a retrovirus.

10. (original) The nucleic acid of Claim 7, wherein said vector is an adenovirus.

Claims 11-15 (canceled)